

AMENDMENTS TO THE CLAIMS

1-10. (CANCELED)

11. (CURRENTLY AMENDED) A bone-fixed locator for use with a navigation system for determining the spatial position and location of a body part of a mammal based on signals from the locator, the navigation system having a recording device connected to a control and evaluation device thereof, the bone-fixed locator comprising:

a body with at least one but fewer than three target markers, the target markers configured to communicate a signal to a recording device of a navigation system; and

an engagement portion attached to the body, the engagement portion configured for engagement with a bone of a mammal.

12. (ORIGINAL) The locator of Claim 0, wherein the engagement portion comprises a self-drilling, self-tapping thread.

13. (ORIGINAL) The locator of Claim 0, wherein the fewer than three target markers comprises two target markers that extend along a pivot axis of the body.

14. (ORIGINAL) The locator of Claim 13, wherein the engagement portion extends along the pivot axis, the locator being pivotable about the pivot axis.

15. (ORIGINAL) The locator of Claim 0, wherein the target markers comprise two reflector or transmitter elements provided on the body, the body selected from a group consisting of a substantially linear body and an L-shaped body, the reflector or transmitter elements configured to communicate a signal to an optical recording device.

16. (ORIGINAL) The locator of Claim 15, wherein the optical recording device comprises a stereo-camera arrangement.

17. (ORIGINAL) The locator of Claim 15, wherein the reflector or transmitter elements comprise retro-reflecting spheres.

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25. (CANCELED)

26. (CANCELED)

27. (NEW) A bone-fixed locator for use with a navigation system for determining the spatial position and location of a body part of a mammal based on signals from the locator, the navigation system having a recording device connected to a control and evaluation device thereof, the bone-fixed locator comprising:

an L-shaped body with two target markers configured to communicate a signal to a recording device of a navigation system; and

an engagement portion attached to the body, the engagement portion configured for engagement with a bone of a mammal.

28. (NEW) The locator of Claim 27, wherein the engagement portion comprises a self-drilling, self-tapping thread.

29. (NEW) The locator of Claim 27, wherein the two target markers extend along a pivot axis of the body.

30. (NEW) The locator of Claim 29, wherein the engagement portion extends along the pivot axis, the locator being pivotable about the pivot axis.

31. (NEW) The locator of Claim 27, wherein the target markers comprise two reflector or transmitter elements provided on the body and configured to communicate a signal to an optical recording device.

32. (NEW) The locator of Claim 31, wherein the optical recording device comprises a stereo-camera arrangement.

33. (NEW) The locator of Claim 31, wherein the reflector or transmitter elements comprise retro-reflecting spheres.

34. (NEW) A bone-fixed locator for use with a navigation system for determining the spatial position and location of a body part of a mammal based on signals from the locator, the navigation system having a recording device connected to a control and evaluation device thereof, the bone-fixed locator comprising:

a body with two reflector or transmitter elements configured to communicate a signal to an optical recording device; and

an engagement portion attached to the body, the engagement portion configured for engagement with a bone of a mammal.

35. (NEW) The locator of Claim 34, wherein the engagement portion comprises a self-drilling, self-tapping thread.

36. (NEW) The locator of Claim 34, wherein the two reflector or transmitter elements extend along a pivot axis of the body.

37. (NEW) The locator of Claim 36, wherein the engagement portion extends along the pivot axis, the locator being pivotable about the pivot axis.

38. (NEW) The locator of Claim 34, wherein the body is substantially L-shaped.

39. (NEW) The locator of Claim 38, wherein the optical recording device comprises a stereo-camera arrangement.

40. (NEW) The locator of Claim 38, wherein the reflector or transmitter elements comprise retro-reflecting spheres.